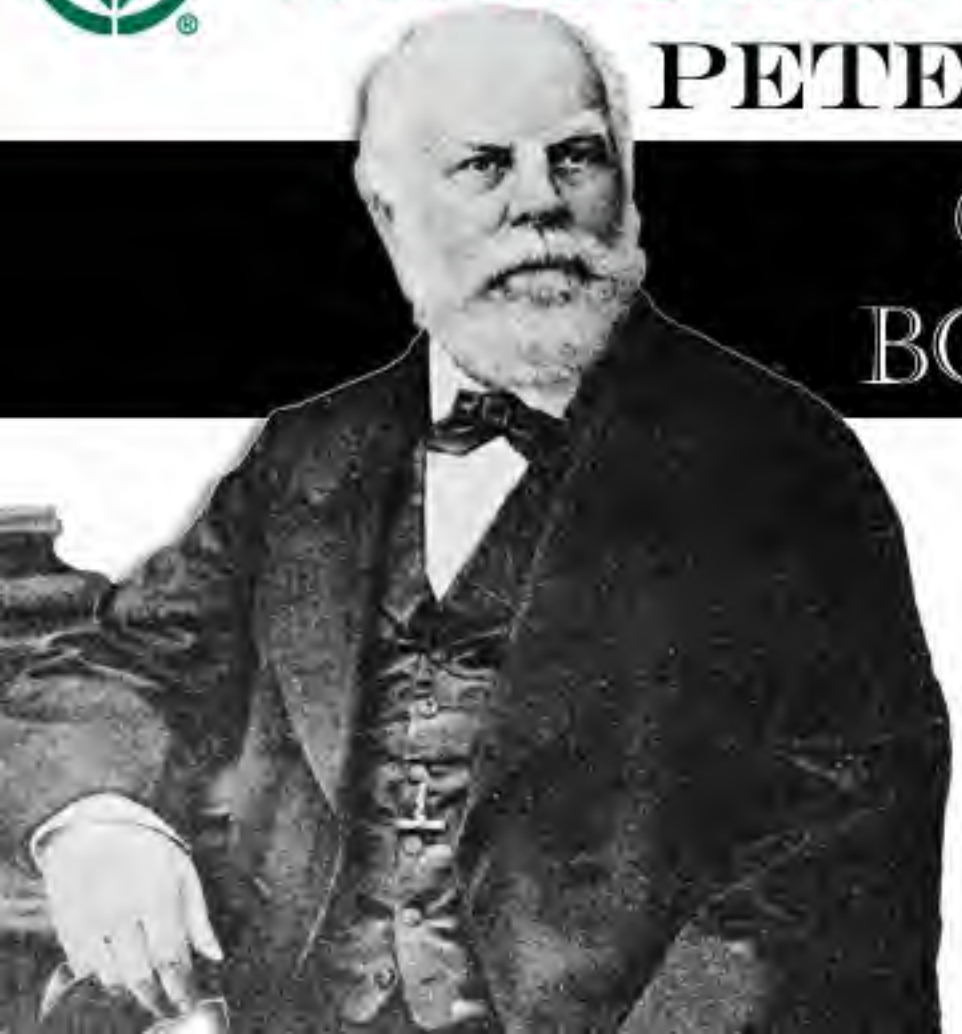
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

conopsea (M) Scheid. Bull Brux. V. 496. W.A.II. 299. = cordifolia var fis Mex
= phyganth. thale Benz fl Salem = T. 232 = divergens DC. fl. S. 18
——— — Hook = Neumaniana Lem. Jard. S. = T. 234
Conopsea Lil. Zeitschr. n.s. J. 1852. 82
(ontaria (M) Wedd. nom ap T. 254

Copiapensis (E) Phil Abh. II. no 14. note = Gay fl. Chil III p. . . Chili
cirrhosa DC. fl. S. 26

coptoglottis (E) Lem. H. Mon. 838 p 23. DC. for J. T. 1. Mex
T. 315 S. 29. 156 W.A. T. 19

Coquimbanus (Cact) Molin Chil ed gall. p. 140 ex Bertol virid. Cor. 1824 Mex
——— (Cer) Hook = Chilensis fide DC. M. 465 1824 p. 4 (DC Ch 465 — T. 90
coracinus Ech. Stib nos J. 1852. 124 Mx

cornifera (M) DC. Rev. (1829) p. 112 (T. 34 W.A.II. 291 Cael. Mex
T. 251 S 29. 131.
(Ech, Posely. 21. 1851. 102

cornigerus (Echin) DC. Prod III. 461. DC Rev. p. 36 t. 7 DC. Mem. 1834 p. 17 t. 10 Mex
(Cact) Mor Ulan ined. ap. DC. T. 56. W.A. II. 311 T. 318 S. 28 Yucatan

Ech. cornigerus DC. Revue p. 36 pl. VII
1829 seems to be the same as
Haworth's Cactus Catispinus which
was published ~~before~~ earlier & simpler

corollaria (M) Shrad. Fl. J. 1849. 294 W.A.II. 677 Mx

coronaria (M) Haw. rev. 69. DC. Pr. III. 458 T. 33. W.A.II. 291 Mex
T. 211 S. 10

coronata (M) Scheidw. in J. 1840. 338. W.A.II. 302 = erebispina DC. ?
fide T. 205

coronatus (Cact) Lem Dict T. 537. = mel. coronam fide DC Prod. III. 460

coronatus (Cact) Willd. enum. suppl. 30 (fide DC. Prod. 458) = M coronaria

coronatus (mel) Cels. nom ap. T. 279

corrugata (O) Haw Suppl. ex Haw. 1834 p. 560 Pf. 144 W.A.II. 346 ?
T. 469 S. 71. 246 Hamilt?

corrugata (O) Lem. H. Mons. = = Parmentieri Pf. fide T. 468
= corrugata Haw. var. β. S. 72.

corynacanthus (S) Scheidw. J.J. 1841. 50 W.A.II. 319 T. 319. Mex

Coryne (Cer) Haw. — T. 394 S. 47. 205 ab S. 0 ?

corynodes (Echin) Haw Obs, fide WA. T. 228 ex Pf. 55. W.A.II. 311. Mexico
Mular S. 25. 141 3rd May 1906

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14775A

MISSOURI BOTANICAL
GEORGE ENGELM

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

corymbiferus (M) Torb. non sp. F. 254

Cossyriensis (C) Tineo ined. = C. Tinei Todaro

Courantii (E) Lem. Cat # Mon. 1838 p. 20. W A II, 318 F. 337 ?
(Malac) S. 25. 142
= E. tephracanthus fide Lab. 170

Crassa (O) Haw rev. 81 (1821) DC Pr III. 474 Mex?
Of. 153. W A II, 348 F. 478 S. 69. 243

crassicaulis (P) Juss. .... = spathulata H.B. fide Of. 176. & S. 76

crassicostata (Mel) Lem Cat. nov. fasc I. p. 13. Mig. Mel 136
var of M. obtusifolius fide Lem. sp. W A. II 305 F. 267

crassispina (M) F. & J. 1840 406. W A. II. 297 F. 209 S. 11. 97 Mex

crassispinus (Mel) Salm & J. 1840. 10 W A II. 309. F. 274 Brasil?
= Lemairei Mig. & Lem. Hortic. univ. t. 36

crebrispina (M) DC. Rev. (1829) p. 111 Of. 35 W A II. 291 Coult. Mex
F. 205 S. 10

crenatus (Cen) Lindl Bot reg. XVII. t. 31 (1844) G. J. 1844. 247 Honduras
(Chyle) Walp Rep. 820 (1846) F. 441 1846 S. 55. 224 (1850)
Salm

crenatus (Ech) H. Gall = E. exsculptus fide Of. 181
= ? E. thrinrogonus fide Lem. n. g. 22

FOTANICAL GARDEN
GE ENGELMANN PAPERS

crenulatus (Cen) Salm obs bot 1822 p. 6. DC Pr III. 465 Of. 84. Am Calif
W A II. 328 F 382 S. 45

crinifera (O) Salm. . . ex Of. 157 W A II. 349 Brasil
var lanigera Pam. W A II, 349. crinifera Of = lanigera S. H. S. 65 = Senilis Pam.
crinif. var lanigera Of = pubescens B. 1 S. 65 F 496

criniformis (M) DC. Mem (1834) p. 8 t. 4. = glandulosa Mart fide Of. 36. & S. 7 Coult Mex

crinita (M) DC. Rev. (1829) p. 112 DC. Mem (1834) p. 7. t. 3. Coult Mex
Of. 37 W A. II. 292 F. 188 S. 7

crispatum (Eg) Haw . . . . ?
(Cen) H. Berol
(Abies) Of. Lucca. 1837. p. 130. W A II, 342 F. 450 S. 59
— (Cen) var crenulatus H. Berol. = Mucronipetalus Of. fide Of. 130.

Ech crispatus DC. Rev p. 37. pl. VIII. 1829

crispatus (Cact) Moç & Sess. ind. fide DC. Pr. Mex
(Echi) DC. Prod III. 461 DC. Rev p 374. & & p. 115. DC. Mem. 1834
Of. 62 Zucc. pl. n. III 727 W A II. 319 F. 312 - t. 20
var. hornidus DC. Rev. p. 115. Of. 62 non t. 6.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14776B

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

cristata (O) Salm Cact ed p.49 F. 503. = imbricata Haw f. S. 73×249 Mx

cristata (Eps) S. 38. 178. Bol Mex 4687 4521 Bolivia

crocidata (M) Lem. Ill. Mon 1838 p.9. W.A.II. 298. F 220 S. 15. 114 Mx

Cruciata (O) Hort 2 O. ferox H. fil. Of. 167. F. 498.
also = O. spinosissima Mill fide F. 498 Nv. 15

cruciformis (Lep) Mig. Bull. Neerl. 1838. 49. Brasil
(Cact) H. Flum. V. t. 29.

cruciigera (M) Mart 1832. p. 340 t. 5. f. 2 Pf. 25 Succ. pl. h. III 107 Mex
W.A.II. 288. F. 193 S. 9.

cruciger (M) Hort = formosa Schum f. S. 9

cruenta (O) Hrl = O. Ples fide Pf. 176 & Of Abb. 1. 30

ctenodes (C) E = CO. 31 t. 42 Sy 23. W.A.V. 42 Tex

Cubensis (Cer) Jacq. . . . . = C. ensiphorus H Berol fide Pf. 94 S.

Cumingii (Ech) Hopffer = Pf. 1843. 225. W.A.II. 936 F. 296 Peru
— — S. 35. 174 Bolivia

cupulatus (Cer) Hort. = C. macracanthus DC. fide Pf
(Ech) Forst = Cact. Hamb. 184 t.

Curassavicus (Cact) Li Sp. ed I. 1753 Cels Li n. 3588 (Ech) Lem Illustr
(Op) Mill Dict ed. 8. n. 7. for DC. Pr. Hav 194. 196 DC Pr III. 472 Pf 148 W.A.II. 347. S. 70
F. 474 Pf Abb. I. t. 6 f. 2
von Lunga Haw rev. 71 DC Pr III. 472

Curtisii (Cer) H. Berol. . ex. Of. 81. W.A.II. 327 Nov. Granada
(Pk) S. HB. 1845 p. 24 F. 356 S. 40 184 Pf. Abb I. t. 11 n. = WBS. 1853 p. 20

curvata (M) H Berol = M expudens Jacq Pf. 15

? curvicornis (Ech) Mig. Linn. 13 p. 5 W.A.II. 315
t. II. f. 4

curvispina (M) Otto G. J. 1846. 204. W.A.I. 332 = Dioteracan S. 11 Mx

Curvispinus (Ech) H Berl ex Pfeiff. Enum. 96 ex Forb. Coll nom. ap. F. 346
Hort. Coll Pl. Chil III f. 16.

curvispinus (Cer) Bertero ex Hort Berol. Mexic Acad I (1834) p. 289. Peru
Pf. 89 W.A.II. 329

curvispinus (Mel) H. Berol. ex. Pf. 46. Mig. Mel. 135. W.A.II. 305 Mex
F. 267 S. 21. 138

cylindracea (M) DC. Rev (1829) 111. Pf. 32 W.A.II. 291 = estiarantha Otto fil F. 200 (Coult) Mex

cylindrica (M) Hort = cylindrac

14776A

MISSOURI BOTANICA
GEORGE ENGELMAN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

cylindraceus (E) E ÷ C.B. 25 t. 30 Syn 19 W A V. 40 Colombia Dijon

(M, Hook = eriacanthus fide Pf. 32

cylindrica (M) H. Berol. 1830. (non in V. d. G.B. V. VII. 429. (1830) Mex

cylindricus (Cact) Ort. dec. 128. t. 16 (ex DC) = Mam coronaria Haw. fide DC Cr 458

———— (Cact) Lem Hide DC Cact dict I. vi. 539. = Ph rul = (Cer) rul Haw syn 183. Peru

———— (Ch) DC Prodr. 471 Pf. 169 (1183) S. 73

cylindricus (Cact) Lin see above

(M) DC. Pr. III. 471 Cf. 69. W A II, 752 S. 73
Succ. t. t. 503

cylindricus (Cact) Jacq. ÷ Lem. Ctg. t. 20 = O. cylindrica

cylindricus (Cact) H. Flem. V. t. 21 = Ph. spinulosa p. W A II, 743

cymochilus (O) Exw. ÷ C.W. 42. t. XII. f. 1-3. & 23 f. 11-12 Syn 39 W. A. V. 51

dactylotheles (M) Lab. 146 = M macracanthus Eng.

Daedalea (M) Scheidw. Hortic. Belge, Jan. 1837 c. tab = bicolor var F. 197 & S. 9

———— viridis (M) Penn non ap. F. 254

Daimonoceras (M) Lem. H. Hon. p. . . . = cornifera DC. & F. 251
= sculpsi der Scheid. & S. 20

Darwinii (O) Henslow Mag. Zool & Bot. I. 466. t. 14. f. 1 (Sitka 1837) W. A II. 754. Mex Acr. aust. Octagona

Dasyacantha (M) E ÷ C.B. 15. t. XII. f. 17-22 Syn 12 W A V. 37

Dasyacanthus (Echeveria) Eng Wisl Rep. Bot. note 19 W A III. 895 M Mex
(Cer.) S. 43. 193 E ÷ C.B. 30 t. 39. t. 40. & t. 41 f. 1-2
Syn. 23. W A V. 42

Darwinii (O) E. & B ÷ Bot. Reg. 49 t. XVI. Syn. 49 W A. V. 55. Mex Cand.

Dealbata (M) N Acta. Petr. I. J. 1846. 709. W A I, 732 S. & 89 Mx

debilispinus (E) Berg in J. J. 1840 131 W A II. 719 F. 314 Mx

Decagonus (Cer) Hort 2 C. albispinus Lem. fide Pf. 85.

Decaisneanus (Echinocactus) Lem Cact. Ctg. 1839 f. 55. ?
(Eps) Walp. Rep II. 324 (Eps) S. F. 361. S. 28. 180

Decipiens (M) Schard ÷ Bull. Brux V (1838) p. 469. W A. II. 297. F. 184. 517 Mx
S. 7. 80

Decipiens (O) DC. Rev. 1829 p. 118 Pf. 172 W A II. 753 Cact Mex
= exuviata S. & F. 502 = imbricata Haw f. S. 73
M major H. Wind = O. exuviata = O. exuviata S. f. d. F. 503 = imbricata tenuis
F. S. 73

BOTANICAL GARDEN
ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14776B

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Cardiosis (M) A. Dietr. ap Pfeiffer G. J. 1850 235. W. A. II. 620 = Hyp

Decemanus (Cact) Orbea exca suppl. 34

(Ch) Haw rev. 71 (DC suppl. 710 f) DC Pr. III. 473. Pf. 152 W. A. II. 348 Amer

Decumbens (O) Lem. HB. 1834 p. 361 Pf. 154 W. A. II. 349 Mex
T. 482 S. Gy. 242

Defixicus (Cer) Otto & Dietr GJ. 1838. p. 28 W. A. II. 339 T. 392 Canary
Hild. fid. S. 47

deficiens (M) S. = decipiens Scheid. T. 185.
Hort = - - - - - T. S. 7

Deficiens (M) Hort = decipiens Sch. T. 185

deficiens in Stud
Deflexispicus (M.) Lem. Hellon. p. 6 W. A. II. 297 T. 238 Mex
= gladiata mart. T. S. 17

Dejecta (O) Salm HB 1834. p. 361. Pf. 159. W. A. II. 350 T. 493 Cuba
(Mopulen) S. 64. 233

Delessertianus (Mel) Pels Lem. (nota ap T. 229 = Leb. 19 Mex

Demoriana (O) H. monac - nom ap. T. 508.

Densa (M) Lk & O. ic. pl. rar. H. Berol t. 35 (1830) [= colimata var fil. Pf. 6. Mex
[apud DC. Pr III. 460 nomen solum] W. R. II. 283. S. 13. 102

Denudatus (Echr) Lk & O. ic. pl. rar h. Berol t. 9. (1828) T. 289 S. 34 Amer
p. 17. Lab. 257.
(Cer) H. Berol fil. Pf. 77 W. A. II. 325.
(gymnocalycium) Pf. adn 1846 III. t. I. note Pfeiff - Scholium Cactac. 1843

Deppei (Cer) H Berol (nom ÷ Otto. GBV. VI. 432 — 1830)
÷ DC. Pr III. 471 Mex
= C. riparius DC. fil. Pf. 101. = riparius ruinosa S. 42

Deppei (O) Wendland. nom ap T. 508.

Depressa (M) Scheid. Bull Acad. V. (1838) p. 494. W. A. II. 301 = carinata var Mex
T. 223 & S. 16

Depressus (Cact) DC. cat. h. monsp. p. 84 (fil. DC. Pr. 459 = M. discolor) (fide DC. Rev. p. 28)

Depressus (Mel) Hook. Bot. Mag. t. 3691. (1839) Mig. Mel. 129 t. 4. f. 1. t. 2. f. 1. a. d.
W. A. II. 304. Brasil

Depressus (Cact) Haw syn 173 = ? Echr depressa DC. Pr III. 463 Pf. 67. W. A. II. 315 Amer. cal

Depressus (Mel) Hook Fernambuco
Deserti (Mam) Cuy. ex Lab. 18

Diacantha (M) Lem. H. Hort. p. 2. = M. Capt Medusae Otto fide W. A. II. 287 & S. 15

Diacantha nigra (M) Haage Catal 1886 = Haageana Pf. fide R. 26

Diacantha (diacantha !!!) M, J. N. Jacobi - J. J. 1856. p. 91 ?

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14777A

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

diadema (M) Muhlenpf 9.J. 1845. 346 WDC III. 810 F. 522

diadenata (O) Lem. H. Hon. 1838. 36. WDC II, 755. F. 470 S. 71

Diciphanoanthes (M) Lem. H. Mon. p. 39 = incompleta Schrad. W.A. II. 301
Goth ≈ Comidea DC. F. 253 & S. 13
diargemus Ech. Stieb. #13 J. 1852 137 Chile
Dichroanthes (Echo. Mart. . ex. V. 62 Jacq. pl. h III. 128. Mex
WDC II 313 F. 307 S. 30

Dichrodoranthes (Cer) Mart . ex. . V. 76 Jacq. pl. h III. 131 Mex
WDC II. 326 = Echin. exsculptus var S. f. F. 292
Lacunisimus d'O. f. S. 77

Dichroacanthes (Mel) Miq. Mel. (1841) p. 147. t. 6. St Thomas
Dietrichianus (Ech) Beer = Cact. Hauge 1860 p. 3 . ——— ———— ?
Diffusa (O) Hort = dejecta fide Pf. 159. & S. 64

Digitalis (M) Ehrb. E.J. 1849. 267 = Haguii y. minimus. S. 10 Mex

Dillenii (Cact) Ort reg. t. 255. Dill Elth. p. 382. "Tuna major flore sulphureo
(O) Haw suppl. . . . (1819) DC Pr III. 472 — Pf. 162 (excl. th. fig. in DC.) Am. cal.
W.A. II. 351 F. 493 S. 67. 235
Dimorpha (O) Foerst. = Cat. Hauge 1860. p. 14. Tex
Discoformis (M) DC. Rev. 1829. p. 114 DC. Mem. p. 14 Pf. 22 Coult Mex
WDC II. 287 ≈ E. turbiniformis Pf. ex F. 284 & S. 35

Discolor (M) Haw. syn 177 DC. Pr. III. 458 DC. Rev. p. 28. t. 2. f. 2 Am. cal.
Pf. 28 W.A. II. 289 F. 205 — S. 11. 95 Lk. 40 (St Thomas!) Mex
S. procifera Pfeif. 28. var. rhodacantha S. = M. rhodacantha F. 25

Mam Discolor Haw. Cactus depressus DC. Cat. Hort
Mons p.
C. pseudomammillaris C. Spinii are
later names of the same plant
DC. Revue p. 28. tab II fig 2.

divaricata (M) A Dietr 9.J. 1848. 210 W.A. II. 680 ?

Divaricatus (Cact) Lam D.t. 1. (1783) p. 540 (Cav, DC. Pr III. 466 Haiti
Illus ed. Burm t. 193 Pf. 95 W.A. II. 331
F. 380
Ross ex Stieber 1853.
1852 73
1853. 129
Haiti

Divergens (Cav, H. Amol . . ex Pf. 95 W.A. II. 331 Haiti
= subrepandus Haw. var f. F. 378 & S. 44

divergens (M) DC. Rev. 1829 p. 113 Pf. 12 W.A. II. 285 S. 18 Coult Mex
a cirrifera cana albispina S. fide F. 237

doctoralis (Ech) Kunze. mss = Echinopsis tijas. Jacq. pl. h. fasc V. 17.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

147778

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Dolabriformei (O) Hort = O. ferox. f. F. 498

Dolichacantha (M) Lem. f. fl. F. = th. racem F. 213 Dolicho-cnT s

Dolichacanthus (E) Lem. H. Mon. 1838. p. 25 WA II. 316. Echidna DC. f. F. 330 & S. 27 Mex

Dolichocentra (M) Lem. H. Monv. p. 3. Lem. Cact. Hag. p. 95 not. WA F. 300 Mex
Lem. Icon. fasc II c. ic F. 213 S. 14. III

Donkelaëri (Cer) S. = J. J. 1845. 355 WA III. 820. S. 50. 215 Bolivia
Corynata m Slieb HS. I. 285. 298 pt. HS. I. 1854. 19

Dangeli (Cer) von f. C. speciosissima. f. d. S. 53
Dautzenbergii (Pil) Weber Mex = Leucocephalus Dautz. ? fr. Dautz

Dubius (C) E. = C.B. 36. t. 50 Syn. 26 WA V. 44 n Mex

Dubois (O) E = C.B. 48 t. 75 f. 5 Syn. 35. WA V. 49 Tx

Dumelianus (E) Cels = Cpr. aurata S. f S. 39

Dumortieri (C) Scheidw. Bull Acad. V. n. 2 WA II. 338. (J. J. 1853. 134 Dietr. Mex) Bavaria
S. 48. 210
D——— (C.) Scheidw = Cer. thistilla

Duprei (Lepis) H. Paris vom Cap F. 456.

Dyckiana (M) Jacc Catal. Cact. H. Monac 1836 F. 26. WA III. 289 Mex
Jacc. pl. n. III. 105. F. 194 = microthele var S. 9

Dyckianus (Cer) von f. speciosissima f. S. 53

Dyckii (Cer) Mart. ex. ——— Cf. 87. WA II. 329 Mex
F. 391 S. 46.

ebenacanthes (E) Mons. ex Lab. 253. = E. ferox Monv. H. f. Lab. Chili

eborina (M) Chr. J. J. 1849 p. 309 WA II. 679 H. = HS. J. 1854. 49 Mex

eburnea (M) Miq = Linn. XII. 14. + II f. 11 = bicolor var f. F. 197

eburnea (O) Lem H. Mon. 1838 p. 26 WA II. 355. ?
= corrugata H Angl. f. J. F. 469 & S. 71

~~eburneus (Ech) Salm. Syn. H.~~

eburneus (Cer) Salm Cat. H. D. 1822 p. ... DC. Pr. III. 464 Cf. 90 WA II. 329 Curaçao
(Cact) Link enum (1822) 2 p. 22 F. F. 392 S. 47 Syn H. Chil III
β. polygonus Cf. 91

Echidna (Echo) DC. Mem 1834 p. 19 t. 11. Cf. 57 WA II. 312 Cuba Mex
F. 330 S. 27. 150.

echinaria (M) DC. Aud. (1829) p. 110 (Coulter) Mex
echinata (Hamilton) DC. Mem (1834) p. 3. Cf. 5 W. A II. 283 F. 239 S. 12. 102

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14778A

MISSOURI BOTANICAL
GEORGE ENGELMA

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

echinata (Rh) Hort = Rh. incrassata Haw fid. Pf. 136.

echinocactoides (Rh) Pfeiff - J.J. 1840. 281 W.A.I. 299 F. 247 Mex
= conoidea DC. fid. S. 13

echinocarpa (O) ExB = C.W. p. 49. t. XVIII. 5-10 XXIV. 8. Syn 49. W.A.V. 55 Mex
SEClef.
β. major E = B. 56.

echinoides (E) Lem. ex fid. - J.J. 1845. 386 W.A.III. 213 Bolivia
Cat Bels. fid. S. 26. 144 Fid Ab. II. t. 29
echinophlaca (Op) Eng ined
Echinops (M) Ren Schrad. non ait F. 254
= ostiola Lem. fid. F. 209

Echinus (Rh) E = CB. 13. t. X. Syn 11 W.A.V. 37 Cex

edulis (Ech) Haage non ait F. 346
— Cer. Weber in Hort Catal.

Ehrenbergii (Cer) Pfeiff JJ 1840. 282 W.A.II. 341 F. 374 S. 42. 188 Mex
= propinqua β Ehrenb - Linn XIII. 362

Ehrenbergii (Ech) Pf. - JJ. 1839 275 W.A.II. 321 (= pomatia & subpomatia fid Pf. Mex
F. 286 ~~S. 42. 188~~

Ehrenbergii (M) Pf. - A.J. 1838. 274 W.A.II. 293 F. 238 Mex
H. - MRJ. 1854. 49

elata (O) H. Scol — ex — H.D. 1834 p. 361 Pf. 152. W.A.II. 348 Braz.
F. 483 S. 69 Cum.

elata (O) H Scol (nom - v.d.g.B.V. VI. 434. 1830) Braz
- DC. Pr III. 474

elatior (O) Mill dict. ed 8 n. 4 Haw 194. 187 DC. Pr III. 472 Am. cal.
Pf. 165 W.A.II. 351 F. 496 (188 Pf) S. 66.

electracanthus (Ech) Lem. Hillon. 1838. p. 24 W.A.II. 316 F. 332 Mex
S. 27. 149

elegans (M) DC. Rev (1829) p. 111. DC. Mem (1834) p. 5 Pf. 25 Cent. Mex
W.A.II. 289 W. 195 S. 9. 87.
— (Cer) Hort = Lepis. roseus Pf. 138

elegans (Cact) Link enum 2 (1822) p. 25. = Cer. phyllanthoides f. DC. Pr III. 470

elegans (Mel) Hort. - = Cer. Commutti Pf. 71. = Eps. campylacanthum Pf.
F. 369

elegans (Ech) Hort = C. Chilensis f. F. 376

elegans (Phyll) Ch var ex truncata ? F. 446

elephantidens (Ech) Lem. Ill. Hort. 1838. p. 1. W.A.II. 298 Lem. Ic. fasc II. t. 100 Mex
F. 248 J.J. 1849. 326 S. 20. 134 Pf. A66. II. 20

BOTANICAL GARDEN
ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14778B

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

elongata (M) DC. Rev. (1829) p. 109 DC. Mem (1834) p. 2 Ker (Cactus) Mex
W. R. II. 283 F. 239 S. 12. 100

elongata (O) Hort = O. decumana. ✗. F. 484

elongatum (Lindl) Salm in Ht. D. 1845. p. 15. Ht. R. III. 812 = F. 257 ?
S. 577

elongata (Cact) Will. enum. suppl. 34 = O. decumana W ✗ Of. 152
(O) Hab. suppl. 81 = ? ✗ Of. 164 S. 69. 242

Emoryi (Cer) Eng. Sill Journ n. ser. XIV. Nov 1852 p. 338 Californ.
E - C. D. 40. t. 60 f. 1-4 Syn. 30. W A V. 46.

Emoryi (Ech) Eng. Emory's Rep 1848. pa. 158. t. 5. - Cact Mexico p. 31 t. III f. 3.
E - Cact. Bound. 23 fig. 28 Syn Cact. 19. W A V. 40

Emoryi (O) E - C. D. 53 t. 70-71 Syn 47. W A V. 54 N Mex Arizon

Engelmanni (Cer) Parry - Sill Journ n. ser. XIV Nov 1852 p. 338 Calif.
E - C. D. 36. t. 57
var variegatus E & D - CW 35 t. V. f 4-7 } Syn. 22 W A V. 44
- chrysocentrus E & D. " " " " 8-10 } Syn. 16. W A V. 46.

Engelmanni (O) Salm in Link. II. 207 (Dest. f. Bot. 1850 vol VI) W ✗ II. 686 N Mex Chihuah. Zuc
S. 67. 235. Ekb. - C. W. p. 37. E - Sill Journ 1852. p. 338
Syn. 34 W. A. V. 49 E - C. D. 36. t. 57. E - C. D. 47 t. 75 f. 1-4
var hystricinus E & D - C. W p. 27. t. VIII. f. 1 & t. XXII. f. 8-9. Syn 35 W A V. 49.
(Pilocereus) Lemaire Illustr horticole vol IX. Livr 11. Nov 1862 p 97. = Cer gigantens
emoryi acanthus (M) Ott. nomen sp. ✗. 254

emoryi acanthus (Echocer) Eng - Wisl Rep. 1848 not 46 W ✗ II. 296 Chihuahua
(Cer) E - Pl. Fend 50 note) Cact - J. J. 1853. p. 133 E - C. D. 34. t. 48 f. 2-4 & t. 49
S. 42. 188
Syn. 26 W A V. 44

enneacanthus (E) Lem. ✗. Mon. 1838 p. 26 W. R. II. 320 F. 306 Mex
= arguitensis var. ✗. S. 31

Epidendrum (Cact) Lin N. Syst. ~~X. 661~~ No 64 nomen solum Cod Linn. No 3581 063 - prob = ~~Cact pauciflorus~~ = Mx prob
equitans (Lek) Scheidw. Bull. Brux. VI. no 2 p. 2. W. R. II. 323 = hemipterolasis. f. 5. 26

erecta (M) Lem. ✗. Mon., p. 3, W. R. II. 302. Lem Icon. ✗. V. c. ic. Mex
F. 243 = erecta Scheidw. F. V. F. 243 S. 19. 127
~~echinocactus~~

erectus (Cer) Kenw. ✗ - ~~N. 33. 10~~ ✗. 95 W A II. 331 Mex
F. 380 S 44

erectacantha (M) Foerst. ✗. 1847. 50 W A I. 330 Mx

eriacantha (M) ~~✗. Otto~~ ✗. 32. ~~"Otto"~~ f. W. R. II. 290 Mx
Link & Otto ✗ Icon. pl. ✗. III. 104. & 5. 12 F. cult. I. t. 25
W. 200

eriantha (M) Hort = eriacantha ✗ 32
erica Tratt ster. ✗. B 3 1851 297

14779A

MISSOURI BOTANICAL
GEORGE ENGELMANN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

eriocomus (Ker) H. Bedevk. . = virens fil S. 47

eriocarpa (M) Wedd. Ad. hork. Hannh. 1855 = rhodotha Wendl. fil S. 31

eriocarpa (M) Posels 92-1855 p. 18 = gummifera ? S-Afr. Mx.

eriocarpa (O) Ex B. = CW. p. 47 t. XIII f. 8-11 & t. XXIV. 4 Colonia
Syn. t5 WAV. 53

erioarpus (Cass) Hans (ubi?) non sp. DC. Pr. III. 471

— (Cass) Hook suppl. 74. . . = Echin. polyacanthus Link & Otto fide S. 52

eriocarpus (E) Lem. H. Mon 1838 p. 16 WA II. 317 T. 338 Bonin Montevideo
= corymbosus var. S. S. & S. 25

Eriocephalus (L) 126 1837 (ex T) 113 Mex

eriocomus (Cav) Reichb & Tersch. suppl Catt Vg. 3 WA II. 340 Bonin

eriophorus (Cav) H. Berol. . CX . Pf. 94. WA II. 330 T. 324 Cf Cuba
S. 45 Acc. I. 22

MISSOURI BOTANICAL GARDEN
ENGELMANN PAPERS

β. latifolius Salm H. Dz. (1834) p. 335 fide Pf. 94

erythrocentron (O) Lem. . . = fulvispina S. fide T. 492

euchlora (M) C. Chrenb. 9 J. 1848. p. 266 & 326. WA. II. 674 Mx

Eugenea (M) Schneid. Hort = — — — — — = rutila Jacq fide T. 207
fide S. 11

euphorbioides (Cav) Haw ex Spr. syst. II. 496 — DC. Pr. III 465 — Am. Trop
Pf. 92 WA II. 330 T. 393 S 47

evanescens (M) H. Belg = erecta Ait fide T. 243

Excerifolium (Epiph) (Lindau?) = Rh. crispata Pfeif
exclusum M. Stch B J. 1851. 249 fide Pf = 9 J. 1836 p. 185

exerens (Cav) H. Berol (hort = V. d. G. D. V. VI. 432, 1830 Bonin
= DC. Pr. III. 471 exerens = Cereus gracilis DC. fide Pf. 99
Cereus exerens

eximia (M) Eichl. 9 J. 1849. 302 WA II. 678 Mx

exsculptus (Echin) Otto . ex . Pf. 65 — WA II. 314 Chile Montevideo
T. 291 S. 33 Cfr H. Chil III . . . Mexico

exsudans (M) Just. . non . apud . Pfeiff. Just. Pl. H. III. 144 — Mex
WA. II. 286 T. 247 = brevimamma var β. f. S. 19

extensa (O) Salm . . ex . Pf. 147 WA II. 347 ?
= aurantiaca var. fide T. 476 & S. 70

extensus (Cav) Salm ap. DC. Pr. III. 469 (Pf. 119 Ag. J. 1836 p. 306) ?
WA II. 337 Bot mag. 4066 T. 420 S. 52

exuviata (O) DC. Rev. 1829. p. 118 Pf. 180. WA II. 352 Cult Mex
T. 502 exu. α = truncatulus Lehm. fide S. 73
exu. β Pf. imbricatus β. fide S. 73

exuviata var stellata (O) Lem. . . = O. stellatus Mart (Hort ex) fide T. 503
= echinoides fide S. 73

147798

festiva M Stiben #103 1865 274

Cyriesii (Echo) Turpin Bs. (1830) p. 58 T. 2 more cit. & tab. ex Buenos Ayres.
(Echps) Jurcar. pl. n. III. 75. Pff. Ill. 666. T. 4 ÷ not. WAII, 324 F. 357 S. 38
(Cer.) H. Berol. Ofv. en. 1857 p. 72

farinosa (M, Fenz. non op. F. 254

farinosa (M, Hort = Cirida. Fenz. fide WA I. 330

farinosus (Cer, Hooge ex L. ÷ G J. 1845 - 355. WA II. 820 F. 396. (conflict Mex
= Echi, Hort fide S. = Benerkei var β. S. 48

fasciculare (Cers) Meyn Reise L. 447. (ca 34)

fasciculata (M.) Eng. Lacoz Rep. 1848 p. 155 f. 2. = Cereus Sp. (Fendleri?) Upper Gila

fasciculatus (Cact. / Grill) enum. suppl (1813) 33
(Chil) Haw (Fendleri? suppl. 83 Cuba
S. 60 DC Pr. III. 476 F. 135 WA II, 343

Fellanii (M) Rhod. Q J. 1849. 261 WA II. 676. Mex

Fendleri (Cer, Eng. ÷ A. Fendl. (1849) p. 51 WA II. 684 n. Mex
E ÷ CW. 33 C ÷ CD. 33 t. 51-53 Syn. 25 WA V. 43.

Fennelii (M) Hopffer in AG J. 1843. 3 § 280 WA II. 296 = Zephyranthes fide F. 183 & S. 7 Mex

fernambucensis (Cer, Lem. C 58 WA II. 339 Brasil
= variabilis var fid. F. 404 & S. 49

ferox (Cer, Haw. Phil Mag. 1830 p. 109. Of. 89. WA II. 326 Brazil

ferox (Cact. Op.) Mutt. gen. (1818) I. 296 (Tor Ann Lyc N.Y. II. 202 = Op. Missouri Arcalis
(Cact) Willd. enum. suppl. 35 = Op. cumbica?)
(Op) Haw Suppl (1819/82. DC Pr. III. 472 Of. 167. WA II. 352 F. 497
S. 65
(Cact) Tor ÷ Ann. Lyc. N.Y. II. 202 = O. cumbica?

ferox (Mel) F. . . . F. 519. Brazil
ferruginea M. Sieb Nov. 1854 258

Ficus Indica (Cact) Li Sp. Ed I. 1053 Ed Li n. 3585 Arcalis
(O) Haw. Syn. 191 DC. Pr III. 473 Of. 152 WA II. 248 F. 481
Mill. Dict ed 8 n. 2 S. 66. 235 Jam. Fl. Sin. 1842 1. 549 Eng. Syn. 34 - = O. corrinelliferus

filipendula (O) Ch ÷ CD. 51. t. 68 Syn 38 WA V. 51 Mex

fimbriatus (Cact) Lam. Dict. I. p. 539 (1783) Plum. ed Burm. t. 195 f. 1 Haiti
(Cer) DC. Pr. III. 464. C. geminiflorus Haw. fide F. 92 nec Of!
= Hort = C. divaricatus, Ch. fide F. 95

fimbriatus (Cact) Moç Sess. ined. = O. cylindriflorus DC Pr III. 475

Finkii (Cer) = Cer. spectabilis var. hyb. S. 53

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14780A

MISS BI
GEORGE ENGELM

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

fischeri (M) Pf. = Otto G.J. 1836. p. 257. Pf. 20 W.A. II. 287 Mex
= Karwinskiana Mart pro S. sp. F. 224 F. 16. 118. ~~Schultes = G.J. 1841. 42~~
= cantabrigiana Pf. pro S. 116

fischeri (Ehr) Hoffm. = Mel. ferox fil. F. 519

fischeri (Schr) H. Bonpl. = E. spina Christi Juss. fil. Pf. 59.

fissurata (M. Bonpl) E. = C.B. 17. t. 16 Syn. W.A. V. 38 Tex
Ank. E. = C.D. p. 75.

flagelliformis (Cact) Lin. Sp. ed. II. 1753. Cod Lin n. 3580 Am. cal
DC. Pr gr. t. 127 Bot Mag t. 17
P. minor Salm. . . . = laui-costi-cerides Salm. C. Bo

flagelliformis (Cav) Mill Dict ed 8. (1768) n. 12. Haw syn 185
DC. Pr III. 467 Bot. Mag. t. 17 ~~DC. Pr. gr. t. 127.~~
~~Pf.~~ F. 410 W.A. II. 335 F. 410 S. 50
= Cat. Cact. Monac 1836

flagriformis (Cav) Juss. ~~Pf. III~~ Pf. & Otto Allg. t. 127 Pf. III. W.A. II. 335 Mex
Haw F. 412 S. 57

flava (Mey) Elsh. = G.J. 1849 261 = tomentos. var f. S. 12 Mex

flavescens (Cav) Otto . . ~~Pf.~~ Pf. 79. W.A. II. 326 F. 375 S. 43 ?

Mam. flavescens DC Cadolle Catalog du Jardin de
Montpellier (as Cactus flavescens) 1813
= Mam. stramineus Haw which is a later name
Engl & Bot U.S. Pacif Expl Exp. I. 659

flavescens (Cact) DC Catal du Jardin de Montpellier 1813 p. 83. . . Am cal.
= (Mam) DC. Prod III. 459 DC. Rev. p. 27 Pf. 10. W.A. II. 284 F. 218
(M) Zucc = M. Harrisiniana fide Salm 83
flavicans (O) Lem. Cact. 61 W.A. II. 357 = robusta Wendl. fide F. 487
S. 14

flavicomus (Cav) Salm . . (non Pf. F. 387) S. 46. 202 ?

flavicoma (M) Scheidw. non Pf. F. 254
flaviflorus Cav Lag. Cact Gen. Sp.
flavispina (O) H. Bonpl non Pf. F. 508

flavispinus (Cav) Colla hort rip. 24 = ? flavispinus fide Salm DC. Pr 465
= Salm obs Bot 1822 p. 5 DC. Pr 465 — Pf. 82 W.A. II. 327 F. 387 Am cal
S. 46

flavovirens (E) Scheidw. G.J. 1841. 50 W.A. II 319 S. 27. 149. Mex

flavovirens (M) S. 16. 117

flexibilis (O) Hort. = O. Tuna laevior. fide Pf. 161
H. Monac. non ab. F. 508

flexispinus (E) S. 20. 159. ?

BOTANICAL GARDEN
ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14786B

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

flexistipes (Ech) Eng. Brit Rep. 1848 note 47. W.A.II. 894 = E. longehamatus Gil Chihuahua

flexuosus (E) Dietr G.J. 1851. 347 Mx

Cer. Engl. Cat Jacob. Calif

florrigera (M) Otto. (non op. T. 254).
Hort. = munispira Pf. f. S. 11

florosa (O) S-G.J. 1845 388 WA.I. 822 T. 504 S. 72. 248. Bolivia
(= maculosa major Otto)

florosa (Ech) Salm. ex. Pf. 134. WA.II. 343 T. 457 S. 60 = ?
(Hamata) Cels ex T. 458.

florosa Lem. Hb. Cact. ex. Pf. 81. WA.II. 327 T. 383 St. Thomas
S. 46

fluctuosa Ech. Dietr in GJ. 1851 p. 154 Mx. S.
(as sp.)
floribunda (M) Otto Bot. Mag. t. 3647 W.A.II. 295. = Rhodantha ? T. 198 Chile
Jay H. Chil III p. [+ 3642 pl. S. = Rhodantha S. 11] (= Ech. acutissima Lab. ? T. 294
Mistake ? for M. atroviridis ? I

flumineuse (Lem) Mig. Bull. Neerl. 1838. 48 . . . WA.II. 345 — Bras.

fluminensis (Lem) Mig. Bull. sc. nat. Neerl. 1838. 48 WA.II. 340 Bras.

foersteri (Ech) Förster BZ V 1847 p. 491 W.A.I. 334 Mx

foersterii (M) Mühlpf. GJ. 1846. 871 WA I. 332 Mx

foliosa (O) Salm in DC Pr III. 471 Pf. 148 WR # 347 Arg
(Cact) WR: cat. suppl. 32 (1803)] T. 473 S. 70 Pf Arg I. 18

Forbesii (Lem) H. Bol. ex T. 398 S. 47 206 ?

Forbesii (E) F. A. Lehm. in Terscheck Suppl Cact. 2 W.A.II. 319 ?

Forbesii (Eps) H. Angl. A. Dietr — GJ. 1849. 193. WA II. 683 GBG. 1851. 121 ?

Forbesii (Eps) non op. S. = GJ. 1855. p. 339 ?

formosa (M) Gillies ex Schneid. Bull Amer V. 497. W.A.II. 299. Mex
S. 9. 87

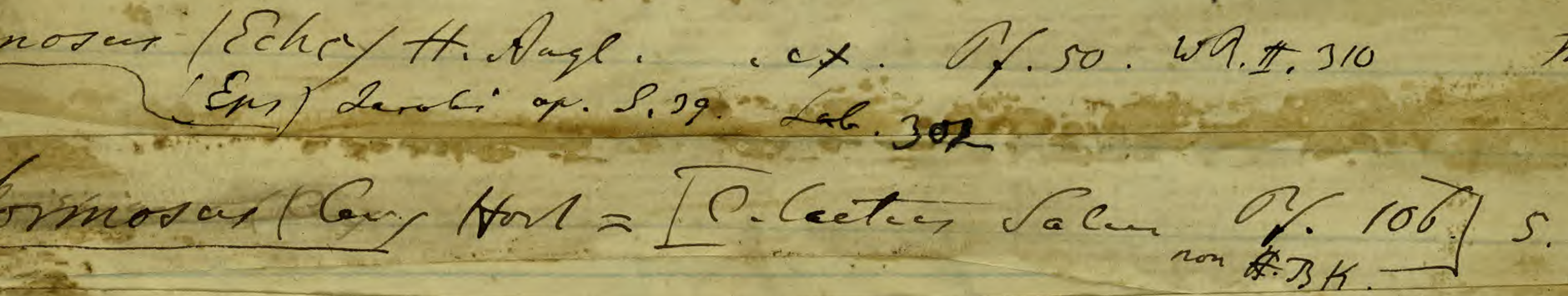
formosa (M) Dietr = GB. 1846. 186 = M subcurvata A. Dietr. fide ipse.

formosus (Ech) H. Angl. ex. Pf. 50. WA.II. 310 Mendoza
(Eps) Lavalli op. S. 39. Lab. 302

formosus (Lem) Hort = [C. Lecheri Salm Pf. 106] S. 50. 213
non A.B.K.

formosus (Lem) Cat Cact Hort Monac 1834 A.G.J. 1834. p. 244
— — Hort ex T. 404 (= C. Schumanii Jacc f. S.H. T. 122
non mentiens)

formosissima (Eps) Zeb. NDLG. 1855. 107 non op. S. = G.J. 1855. p. 339 Bolivia



14781A

MISSOURI BOTANICAL
GEORGE ENGELMANN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

fossulatus (C) Scheid = GJ. 1841. 49 W.A.II, 321 Of. Abb. 2. t. 13 Mex
= hexiedrophorus var f. S. 74

—— (P. Coserea) white = ubi Ldb ? ? Ldb in Nov. Hy. 95-97. Bol. Mex ?

fovcolatus (C) Mühlpf. GJ. - 1846 372 W.A.I. 332

fovcolatus (C) Cas Haage . ex . Of. 77 W.A.II. 326 ?
= exsculptus var. S. fv. T. 292

fovcolatus (C) Haage . = exsculptus Otto f. S. 33

fragilis (Cact. Op.) Mett. gen. (1818) I. 296. frag. var. fruticosa Ek Orst = fruticosa. H. Lindh. I. p. 37. Mexico

(Op.) Haw. suppl. 82. tingitt. DC. Prod III. 472 Of. 167. W.A.II. 347 T. 474 S. 70. 243.
Zucc Pfl. Fl. I. 555 Tom = Am Lyc. N.Y. II p. 202 Exp = C.W. 48 t. XXIV. f. 5 Syn. 45. W.A.V. 54

fragilis (C) Haw ex. Of. = GJ. 1838. 276. W.A.II. 354. ?

—— (C) Hort = O. Mexicana f. T. 489

var. longispina E. = C.W. p. 53. t. 20 f. 2-3 t. 24 f. 16-18 Syn 53
B. Greenii E. = C.W. p. 53 t. 20 f. 4-5 t. 24 f. 19 " "

= O. gracilis fid C. = CD. p. 77 H. Mex fid 1845

frutescens (C) Eng. in Bost. Journ. N.H. V. 245 (H. Lindh. I p. 37. № 244) Jexy
H. Lindh. 208 (Bost. J. Nat. 1850 vol VI) S. 73. 257 C.W. 53. T. XX. 2-5 XXIV. 16-19
CD. p. 60 & 77 Syn. 53. W.A.V. 57.
—— (Cact.) H. Mex. ined. Mor & Sen. — = P. rotundif. DC. fid DC. Rev.

fulgens M. Stieb ÖBZ. 1851. 210 1853 GJ
fulgida (C) E. = C.D. 57. t. 75 f. 18 Syn 50 W.A.V. 56 Arjona

fuliginosa (M) S. 10. 93

fuliviarensis (Cact) Otto & Dietr. GJ. 1838 p. 28. W.A.II. 329 Chile
= chilensis var. Sd. T. 377 & S. 44 / Gay H. Chil III.

fulvispina (M) Haw. Phil Mag 1830 p. 109 Of. 30. Brasil H.L.X
W.A.II. 290 T. 209 S. 10. 93

fulvispina (C) Salm S. Cat. 1844 = ? vanicii f. T. 496. 164 W.A.II. 351 T. 492 S. 65. 234 Am ant. ?

fulvispina (Pfeiff) Salm ob Gl 1832 DC Pr III. 463 W.A.II. 327 Amer
Haw. Syn. 183 Sd. p. 82
fulvispina Salm ob Gl 1822 S. 46

furcalis (Ker) H. Brux = Rhipsal. trigona fid L. ex T. 454

furcalis (Ak) Salm = ad Lodd Dyck (. . .) p. . . . DC Pr III. 476 Of. 135. Am. Mer.
(Cact Spreng Syst. II. 497) W.A.II. 343 T. 457. S. 60
(Haniota) Cels fid T. 457

Funkiana M. Stieb ÖBZ. 1857. 273. 1853. 98

Funkii (M, Lehmidw. = G.J. 1841 43. W.A.II. 298. T. 227 Mex
= mutabilis Scheidw. f. S. 16

furiosa (C) Lindl. Cat Hamth. 1835. = [C. tunicata H Deod. fid Of. 170
Wil. T. 501 (= rosea T. T.) = lanigera Lehm. var. f. S. 73

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14781B

Gerardi (Ech) Herb. nn. = Coll. Edwards nunc Edg. (1869) Mex

fuscata (M, H. Berol. = ex. Pf. 28. W.A.II. 289 F. 201 Mex
= chrysacantha Lem f. S. 12

fuscata (M) H. Berol (non = V.d.J.G.B.V. VI. 429; 1830 & ap DC. Prod 460 Mex
Link & Otto f. Icon. pl. n. III. 103.. Pf. p. 28. = chrysacantha S. 12

fuscata (O) E = CW. t. XI. f. 4. Syn 41 W.A. V 52 Mex

fuscus (E) Mühlenpf. A.G.J. 1848. p. 10 - S. 34. 170 ?
= chamaecanthus f. Hab. 253
ton Cact.

fusiformis (O) E = CW. 43 t XII. f. 7-8 & XXIII f. 6 ad O. depressa.
Syn. 41 W.A. V. 52
Gabbii (Mam) Lem. Cact Jalis Calif
Galapagoa (C) Henslow Mag. Jool Bot. I. 467. (Darwin 1837) t. 14. f. 2 + 139 II. 554 Galapagos
Schumann

Galeottii (E.) Scheidw Z.J. 1841 50. W.A.II. 319 F. 319 Mex

Galeottii (M, Otto ex = W.A.II. 301 = Conoispina Achb.) F Mex
= dolichocentra den van. Pf. f. t. 213 & S. 14

Garambolla (Cer) Haage ... = geometrizans / F 433

Gardnerianus (Mel) Baillk F. 277. Brasil

Gayanus (C) Hort par. = E. thelenogonus Lem f. Lem. Ill. g. 22 = exsculptus var
2 acutissimus Cact. f. S. 33 f. F 293

geminata (M) Scheid. Z.J. 1841. 42. W.A.II. 299. F. 224 ~~S. 73 102~~ Mex

Geminiseta (Cer) Achb. in Terscheck suppl. g. Cact. Vg. 3. W.A.II. 340 ?

geminispina (M, Haw in Trl. phil. mag. 63. p. 42. (1823) = M. bicolor Lehm. f. Pf. 273 F. 197 S. 9
DC. Prod III. 459. DC. Rev. p. 30 t. 3 Mex
= Dyckiana Gerd. f. F. 194 = acanthoplegma Lehm. f. Pf. 26
= acanthoplegma var S. 9.

M. geminispina Haw. DC. Rev. p. 30 tab III
Haw Philos. Magaz. vol 63. p. 42.

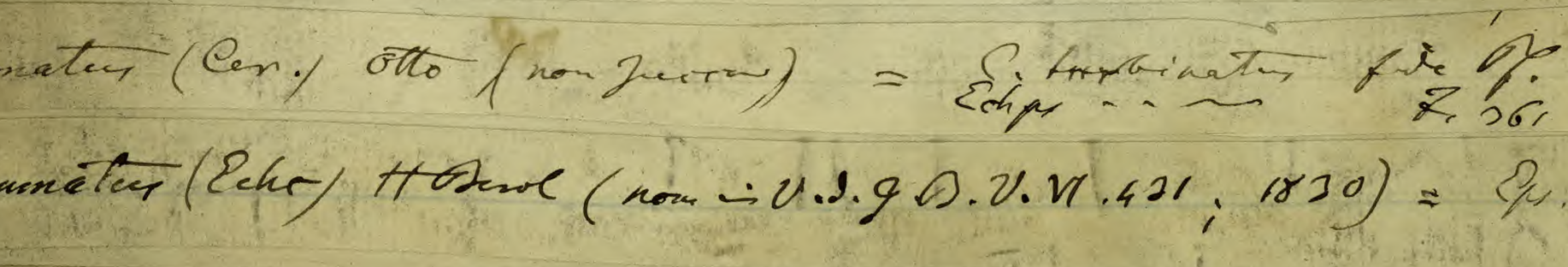
gemmatus (Cer, Jacc. ex Pf. 96. Jacc. pl. n. III. 133. Mex
W.A.II. 331 F. 397 Pfr in G.J. 1853. p. 134 S. 48

gemmatus (Cer.) Otto (non Jacc.) = E. turbinatus f. Pf. 72.
Echps F. 361

gemmatus (Echs) H Berol (non = V.J.G.B.V. VI. 431; 1830) = Ep. turbinata?
F. 361

geometrizans (Cer, Mart . . ex. Pf. 90 Jacc. pl. n III. 132 Mex.
W.A.II. 329 F. 394 Pfr in G.J. 1853. 134 S. 48. 209
Gard Chrb. in Lin XIX. 363

Ghiesbreghtianus (Ech Lem Hort unv V. p. 227. / Lab. 187. Mex ct.
H. Berol F. 346



14782A

MISSOURI BOTANI
GEORGE ENGELMA

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Ghiesbrechtii (E) H. Paris Salm. E.J. 1850. 395 W.A.II. 682 Ariel Norte Mexico Mx

gibbosa (M ?) Salm. H.D. (1839) p. 343 Pf. 38. W.A.II. 292 ?
= Ech. exsculptum Förd F. 292 = E. exsc. var f. S. 33

gibbosus (Cact) Haw Syn. 173 (1812) Bot. Reg. t. 137. (Echps) Pf. (Gymnocalycium) Jamaica
(Echino) DC. Pr. III. 461 Bot Reg. t. 137 Den. Dr. V. t. 1 F. 290 S. 34. 121. Lab 251
(Cory) Pf. 74. W.A.II. 325 Gymnocalycium Pfeiff. Abb. II t. 61 note

Cactus gibbosus Haw. Bot. Reg. t. 137
was the first Echinocactus known till the
publication of Link & Otto

gigantens (Cer) Eng. Mem. Rep. 1848 p. 158 } XD. E. C.W. p. 36 Gila
Eng in Sill. Journ n. ser 14. (Nov 1852) p 335. } E. D. p. 42 frontisp & T. 61 & 62
Eng. ib. id. XVII. (March 1854) p 231. } Syn. 31 & A V. 46.

gigantothele (M) Hort = Echinocactus var Förd. F. 183

Gigas (Ech) Pfeif non op. F. 346.

Gilliesii (Ech) Hook. = E. formosus var Förd. F. 335

Gilliesii (Mel) Hook = Ech. formosus Hort. Förd Pf. 50. = Gs. form. var. f. S. 39
——— (Op) Catal Cact. Berol 1843. = C. ovatus Pf. Förd F. 102
= O. acanthodes Lem Förd F. 469

gilvus (Cer) S = GJ. 1845. 355. W.N. 819 S. 44. 197 Bolivia

BOTANICAL GARDEN
ELMANN PAPERS

gilvus (E) A Dietr = GJ. 1845. 170 W.N. 814 F. 331 Mx
= Echidne var f. S. 27

glaberrima (O) H. Berol. = Opuntia f. major. Förd Pf. 153
= cruenta f. S. 69

glebrata (M) S. H. 109

gladiata (M) Mart 1832. p. 336 Pf. 14 Prod pl. N. III. 121 Mex
W.A.I. 286. F. 236 S. 17

gladiator (Cer) Otto ex Dietr GJ. 1838. p. 24 W.A.II. 340 Mx
= pugionifera Lem. f. F. 395 = geometrizans var pugioniformis S. 48

gladiatus (Echc) Lk & Otto Dietr (1827) 17 t. 17 (V.d.G.B. V. III. 426) Mexic
DC. Pr. III. 462 Pf. 54. W.A.I. 310 F. 307 S. 30. 157

gladiatus (Cer) Lem. H. Mon. 1838. F. 372. Cárdenas
= C. candicans Gill. var. robustissima S. 43

gladiger (Cer) Cels = respinatus S. f. S. 47.

glandulígera (M) Otto ex Dietr = G.J. 1848 p. 298. S. 19. 130. Mx

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

147823

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

glauca (M) Kth. = J.J. 1848. p. 330. S. 18. 123 Mex

glaucescens (Echt) DC. Prod. 1829 p. 115 Pf. 58 Coulter Mex
= Spreng. Syst. F. 334 ?

glaucescens (Cav. Hook. Bot. Mag. 1834 p. 362 Pf. 155 WA II. 349 Mex
F. 486 S. 67
—— Hort. = O. grandis Hf. Angl. fol. Pf. 165

glaucescens (Pursh) Lab. 279 Boreal

glaucophylla (O) Wendl. Cat. h. Herrenh. 1835 Pf. 162 ?
WA II. 351 F. 491 S. 66 235

glaucus (Cav. Sal. Hort. Bot. 1834 p. 335 Pf. 98 WA II. 332 ?
= viridis Pers. fide F. 399 & S. 47
—— —— Hort. = C. Jamesianus Sell fide Pf. 98.

glaucus (Cav. Hort. = C. Jamesianus Sell fide S. ap. F. 400
—— (Pers.) Hort. = C. caesius Sal. fide Pf. 89.
—— (Pers.) Hort. = C. parvula Schw. fide Pf. 153

glaucus (Schrad.) Kunth . . . = C. recurvus Lk & O. fide Pf. 57.

glochidiata (M) Mart. 1832 p. 337. t. 23. Pf. 36. Succ. pl. n. III. 109 Mex
—— var. aurea Hort. = Wendlandiana Otto fide Pf. 37) WA II. 292 F. 188 S. 7
—— var. inermis Lem. = decipiens f. F. 185

glochidiata (M) var. serrata Lem. Cact. p. 40. WA II. 292) = M. Schelhasii Pf. fide F. 187 Mex
var. purpurea Scheidw. Bull. Brux. V. 495 } = M. Schelh. Hort. fide S. 7

glomerata (P) Otto. = Meyen Reise I. (452) p. 452 Arg. J. 1833 Peru
Pf. 179. WA II. 356 F. 516 p. 212

glomerata (O) Haw. Phil. Mag. 1830 p. 109 = Pf. 145 WA II. 346 Mendoza
F. 472 S. 71

glomerata (Cact.) Lem. Dict. I. p. 257 (1782) (ex DC. Pr. Mem. ed. Durm t. 201 f. 1. Haiti
(M.) DC. Prod. III. 459 Pf. 39. WA II. 293. (Castelnau Brun)
glycymorpha (Cav. Echinocereus) ubi?

gloriosus (Cav.) Hort. = C. Regeli Haw. fide Pf. 80.

gonacanthus (C.) Lk & O. = C. W. 32 T. V f. 2–3 Syn. 27 WA V. 44 Mex

gonidiacanthus (Mel.) Lem. Ill. Hort. 838 p. .... Lem. Cact. nov. gen. I. 11. ?
Mey. Melet. 127. WA II. 304. F. 277 S. 21. 138 (Spec. = Mey. Para.)

gracilis (Cav.) Mill. Dict. ed 8 nro 8. fide DC. Pr. III. 466 = Cer. repandus S. 44
—— —— Salm. mss. non Haw., fide DC. Pr. III. 468 = C. hamatus. & S. 52
—— —— Haw. Phil. Mag. 1827 p. 125 DC. Pr. III. 470 Amer.

gracilis (Ach.) Otto = gracilianus Lem. fide F. 304

gracilis (M.) Pf. = J.J. 1838. 275 WA II. 302 F. 241 S. 13. 103 Mex

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14783A

MISSOURI BOTANICAL
GEORGE ENGELMANN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

gracilis (O) T. Monac. ex. Pf. 172. W.R.II 353 = virgata vix Ph. 507 Mex
5.73.254

gracillimus (E) Mexx. Lem. C.in.g. p. 24. W.A.II. 322 reduced to Lem. by F. 304 ?
5. 32. 165

Grahami (M) Eng = D.C.B.7 t.VI f. 1-8. Syn. 6 W.A V. 34 n Mx
Ecb = Cact Whip p. 27.
—— (O) Eng = C.B. 57. t. 72 Syn. 48 W.A V. 55 n Mx

grandiconis (E) Lem. C.in.g. p. 30 W.A.II. 320 F. 310 S. 30. 157 Mex

grandiconis (M) Mühlpf f.3. 1846 372 W.A I 332 Bot. 1853.98 Mx

grandiflora (M) Otto . . ex. . Pf. 33. W.A.I. 291 F. 212 "

grandiflora (M.) H Berol (nom = V.d.G.B V.VI. 430 (1830) Pf. en. 33. Mx
—— Hort = M. vetula var fide F. 186 = Conoida f. Pf. Cab II. 26

grandiflora (M) Schneider = macracantha S. f. nom ex F. 189

grandiflora (O) E. Syn. 39. E = CW. t. XI f. 2-3. W.A V. 51 Tex

grandiflora (O) Hort = grandifolia fide Pf. 177

grandiflorus (Rhip) Haw suppl. (1819) 83. Hort. Rewis. 71 Hook = bot mag t. 2740
Link & Otto in. t. 38 = Rhip. grandis fide DC. Pr. 476 & S. 60

BOTANICAL GARDEN
ENGELMANN PAPERS

grandiflorus (Cer) Lin Spec ed I. 1753 Cav Lin 3579 Lamarck
(Cer) mill Dict. ed 8. 1768 / no 11. Haw syn. 184 DC. Pr III. 468 DC. Pr gr. t. 52 ver Cry
DC. Revue p. 50. Pf. 213 W.A II. 336 F. 414 S. 54. 216

grandifolius (Cer) Link enum II. p. 25 (1822)
(P.) Haw (suppl. 83 (?) no! rubr. DC Pr III. 475 Pf. 177 W.A II. 356 Brazil
F. 513 S. 76

grandis (Cer) Haw suppl. (1819) p. 76. DC Pr. III. 466 Pf. 99. Brazil
W.A II. 332 E variabilis engelm F. 404 I = S. 49
—— = Hort 2 variabilis F. 402

grandis (O) H. angl. ex Pf. 155. W.A II. 349. F. 486 Mex
S. 67. 237

grandis (Phyllocer) Lem fl. des serres etc 20 (III. 255. S. 56. 224 Lab. 415 Honduras

grandispinus (Cer) Haw. phil Mag. 1830 p. 109. Pf. 92. Trd etc.
W.A II. 330 Illum & Bunn t. 195 f. 2

grata (O) Chilensis = Hb. Kew.

Greggii (Cer) Eng Wisl Rep (1848) note 23. W.A III. 894 Chihuahua
Emory Rep. 1848 p. 136. f. 6 Silli. Journ. n. ser. XIV (Nov. 1852) p. 339 & 446
E = CD. 40 Feb. 63-65 Syn 31. (A.W.) n. 46

grisea (M) Galeotti nom ex. F. 219

grisea (M) S. 14. 110 Mex

griseispinus (C) J. A Jacobi = J. J. 1856. 99 (non obtallatus)

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14783B

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

griseus (Cr) Haw Syn. 182 DC Pr. III. 465 Am. cal.
= ? C. eburneus var polygonus fa F. 91.
= crenulatus var griseus S. fa F. 383 & S. 45 or = eburneus var F. 392

Griseus (Mel) Hk. L. Wendl. apud Hkg. Mel. 185. W A II. 309. Columbi
= cæsius var f. F. 264

Guillelminiana (M) Lem Cact. p. 48. W. A II. 300. F. 185. 517 = decipiens var f. F. 517 ?
= decipiens F. 7

Gummifera (M) Eng. Ab. Rep. (1848) note 33; Bot. J. N.H. 1850 VI. 198 Chihuahua
W.A. II. 681 & III. 894 E ÷ CB 8 t. 18 f. 18-20 Pr. Lin
9? Syn. 8 W.A. V. 35

guttata H. Stieb. N.D.J. 1852 90

Gutyaquensis (Ech) Hk. Gall = Excrescentes F. f. 8 F. 681

Guyanensis (Otg) Bridgt. Vel. Mes. Lib. 1846 Guyana

Haageana (M) Pfr. Otto G.F. 1836 p. 257. Cf. 26. W.A. II. 289. Z. 195 Mex
S 10.95

Haageanus (C) S. non op. F. 381

haematactina (M) C. Ehrenb. G.J. 1848. 266 vol 16. W. A. II. 673 K. = HDJ. 1854. 50 Mx

haematocarpon (Cact) Otto. mss & fig = Cer. variabilis Mexico
Cm.

Hageri M Stieb. NDJ. 1851. 233

hamata (M) Lehm. Delect. sem. Hamb. 832 Cf. 34 W.A. II. 291 Mx
= coronaria Haw non auct. Z. 212 S. 10.92

haematocanthus (E) Mühlpf. GJ. 1846. 371 W. A I. 337 Mx
= Coryphantha radians Mühlpf. f. S. 28

hamatus (Cer) Scheidw ex Pf. GJ. 1837 370. W A II. 289 Mex.
= rostratus Lem. f. F. 416 & S. 51

hamatus (E) Mühlpf GJ. 1848 p. 18. vol 16. = setispinus Engl. var. X. S. 28.

Hanseï (Cer) C. Haenseleri var ? Engler S. 93

Härtmanni (M) Stieb. NDJ. 1851. 281

Haselbergii (M). Ehr. G.J. 1849. 303 = scrobiculata var X. S. 8 Mx

hastatus (E) Hopff. non op. F. 315

Havannensis (Mel) Mey. Mel. 144 (var M. Commun Pf. 43) W A II. 306 Cuba
Haworthii F. 270 in Hort Haworth Dec 1819

Haworthii (Cact) Spr. Syst. II. 495 (Cer) 8 C. Pr. III. 465 Pf. 82. W. A II. 327 Antill
F. 387 S. 46

Haynii (E) Otto (non op F. 305) S. 32. 165 Peru

Haynii (M) Ehrenb more correct spelling vide F. 210 S. 10. 91

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14784A

MISSOURI BOTANICAL
GEORGE ENGELMAN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Heinei (M) C. Ehrenb = D.J. II. 233 J.J. 1844 402. W.A III. 311 Mx
= Hoyai

helianthoides (Eng Lem. = turbiniformis Pf. f. T. 284

Helicteres (M) DC. Pr. III. 460 DC Rev. p. 31 t. 5. Pf. 39. W.A. II 292 Mex
(Cart) Mart & Zucc. icon (DC)

helophorus (E) Lem. C.n.g. 1839 p. 12. W.A. II. 316 T. 321 S. 27. 147 ?
p. Lucoiion 16. p. 13.
fi (fasciculatus longi) p. 13

hemisphaerica (M) Eng in Torr J.N.H. 1850 VI. 198. (A. Lind. II) Tex
W.A. II. 680

hepatica (M) C. Chrsb. G.J. 1848. 262. = Segerii Chr. var. f. S. 8 Mx

heptagonus (Cart) Lin spec I 1753. Cav Lin n. 3571 Australia
(Cav) DC. Pr. III. 470 Hav. syn 178 = Cav. Icones I Pf 88 cal.

Hermanni (M) Ehrb. G.J. 1849. 303 S. 8. 82 H. in MSS 1854. 50 Mx

Hernandezii (C) DC. Pr III. 474 DC Rev. p. 69 t. 16 Pf. 153 Mex
W.A. II. 248 T. 479

BOTANICAL GARDEN
ENGELMANN PAPERS

heteracantha (M) St. Denol = M. corrigata Mart f. 3 Pf. 13 & S. 13 Gott = scolymoides f. 3 Ehrb f. 250

heteracanthus (Eth) Muhl. = G.J. 1845 345. W.A. III. 814 Zuc 21 Mex
S. 31. 162

heteracantha (M) St = Pf. T. 254

heteromorpha (M) Scheer ap S. 19. 128 = Hermanni E. = C.B. 74 Chile

heteromorphus (C) Moric. Hort mun. t. 1. (1840) p. 221. Lab. 333. Chile

Heydeni (E) Muhlenb. = G.J. 1846. 170 W.A I. 334 S. 31. 163 Mx

Heydeni (M) Muhlenb. G.J. 1848. 20. W.A. III. 680 E = CO. 8. Syn 7. W.A. V. Texas
applanata. C.B. 8. t. IX. 4-14 Syn 8 W.A V. 35
hemisphaerica CO 8 t. IX 15-17. Syn 7 . . . V. 35

hexacantha (M) Salm H.D. 344 Pf. 30 W.A. I. 290 T. 208 Mx

hexacanthus (E) Muhlenb. G.J. 1846. 373 W.A I. 334 Mx

hexacanthus (M) Otto = Berginianus var fil. T. 183

hexaedrophorus (E) Lem. C.n.g. p. 27. Lem. iconogr. I. 2. t. 2 W.A. II. 327 Mex
Bot Mag. 3411 T. 283 Pf = G.J 1853. 119 S. 24. 168.

hexaëdrus (C) Ex D. = CW. p. 34 t. V. f. 1. Syn. 29. W.A V. 45

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

14784B

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN